

**IN THE UNITED STATES PATENT AND TRADEMARK OFFICE**

Applicants: HOLMA et al.

Serial No.: Rule 53(b) of 10/113,690

Filed: March 3, 2004

For: INTER-FREQUENCY MEASUREMENTS WITH MIMO TERMINALS

Art Unit: Unassigned (2667 previously in parent application)

Examiner: Unassigned (A. Qureshi previously in parent application)

**INFORMATION DISCLOSURE STATEMENT**  
**UNDER 37 CFR §1.97 & §1.98**

Commissioner for Patents  
P.O. Box 1450  
Alexandria, VA 22313-1450

March 3, 2004

Sir:

In the matter of the above-identified application, this information disclosure statement is being submitted with the following citation as specified in 37 CFR §1.97(d).

"A copy of any patent, publication or other information listed in an information disclosure statement is not required to be provided if it was previously cited by or submitted to the Office in a prior application, provided that the prior application is properly identified in the statement and relied upon for an earlier filing date under 35 U.S.C. §120."

Applicants are submitting herewith a copy of Form PTO-1449 which list documents cited in parent application Serial No. 10/113,690, filed April 2, 2002,

It is respectfully requested that this Information Disclosure Statement be considered by the Examiner.

Please charge any shortage in the fees due in connection with the filing of this paper, including extension of time fees, to Deposit Account No. 01-2135 (referencing

Case No. 0172.41221X00) and please credit any excess fees to such deposit account.

Respectfully submitted,

  
Donald E. Stout  
Registration No. 26,422  
ANTONELLI, TERRY, STOUT & KRAUS, LLP

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(703) 312-6600

Attachments:  
Form PTO-1449

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Substitute for form 1449A/PTO				<b><i>Complete if Known</i></b>	
<b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b>				<b>Application Number</b>	<b>Rule 53(b) of 10/113,690</b>
				<b>Filing Date</b>	<b>March 2004</b>
				<b>First Named Inventor</b>	<b>Harri HOLMA, et al</b>
				<b>Art Unit</b>	<b>Unassigned</b>
				<b>Examiner Name</b>	<b>Unassigned</b>
<i>(use as many sheets as necessary)</i>				Attorney Docket Number	<b>0172.41221CX1</b>
Sheet	1	of	2		

## U.S. PATENT DOCUMENTS

## FOREIGN PATENT DOCUMENTS

<b>Examiner Signature</b>		<b>Date Considered</b>	
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\*EXAMINER: Initial if reference considered, whether or not citation is in conformance with MPEP 609. Draw line through citation if not in conformance and not considered. Include copy of this form with next communication to applicant.

<sup>1</sup>Applicant's unique citation designation number (optional). <sup>2</sup>See Kinds Codes of USPTO Patent Documents at [www.uspto.gov](http://www.uspto.gov) or MPEP 901.04. <sup>3</sup>Enter Office that issued the document, by the two-letter code (WIPO Standard St.3). <sup>4</sup>For Japanese patent documents, the indication of the year of the reign of the Emperor must precede the serial number of the patent document. <sup>5</sup>Kind of document by the appropriate symbols as indicated on the document under WIPO Standard ST. 16 if possible. <sup>6</sup>Applicant is to place a check mark here if English language Translation is attached.

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<p>Substitute for form 1449B/PTO</p> <p><b>INFORMATION DISCLOSURE STATEMENT BY APPLICANT</b></p> <p>(use as many sheets as necessary)</p>				<b>Complete if Known</b>	
				<b>Application Number</b>	<b>Rule 53(b) of 10/113,690</b>
				<b>Filing Date</b>	March , 2004
				<b>First Named Inventor</b>	Harri HOLMA et al
				<b>Group Art Unit</b>	Unassigned
				<b>Examiner Name</b>	Unassigned
Sheet	2	of	2	Attorney Docket Number	0172.41221CX1

<b>OTHER PRIOR ART—NON PATENT LITERATURE DOCUMENTS</b>					
Examiner Initials*	Cite No. <sup>1</sup>	Include name of the author (in CAPITAL LETTERS), title of the article (when appropriate), title of the item (book, magazine, journal, serial, symposium, catalog, etc.), date, page(s), volume-issue number(s), <small>publisher, city and/or country where published</small>			T <sup>2</sup>
		3GPP TS 25.212 v3.9.0 (2002-03) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Multiplexing and channel coding (FDD) (Release 1999), pgs. 1-62			
		3GPP TS 25.2213 v3.7.0 (2001-12) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Spreading and modulation (FDD) (Release 1999), pp. 1-26			
		3GPP TS 25.214 v3.9.0 (2001-12) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Physical layer procedures (FDD) (Release 1999), pp. 1-52			
		3GPP TS 25.215 v3.9.0 (2001-12) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Physical layer – measurements (FDD) (Release 1999), pp. 1-17			
		3GPP TS 25.133 v3.9.0 (2002-03) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Requirements for support of radio resource management (FDD) (Release 1999), pp. 1-137			
		3GPP TS 25.331 v3.9.0 (2001-12) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Radio Resource Control (RRC) Protocol Specification (Release 1999), pp. 1-800			
		3GPP TS 25.211 v3.9.0 (2001-12) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Physical channels and mapping of transport channels onto physical channels (FDD) (Release 1999), pgs. 1-46			
		3GPP TS 23.228 v5.0.0 (2001-04) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Services and System Aspects; IP Multimedia (IM) Subsystem – Stage 2 (Release 5), pgs. 1-126			
		3GPP TS 25.848 v4.0.0 (2001-03) Technical Specification, 3 <sup>rd</sup> Generation Partnership Project; Technical Specification Group Radio Access Network; Physical layer aspects of UTRA High Speed Downlink Packet Access (Release 4), pgs. 1-89			

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